

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2018-04
Grayson | KY 3155 | 4-8954

This document constitutes a Request for Proposals for a Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

County - Grayson
Route - KY 3155
Item No. - 04-8954.00
Project Description - Extend the William Thomason Byway (KY 3155) from the southern intersection at KY 259 westerly to KY 54. (16CCN)

II. PROJECT INFORMATION

Project Manager - Larry Krueger, P.E.
User Division - Highway Design
Approximate Fee - \$500,000 Preliminary Design and Environmental Services (Lump Sum)
Project Funding - State Funded (SPP funds)
Project Length - Approximately 2 miles

III. PURPOSE AND NEED

The proposed project calls for the extension of the southern leg of William Thomason Byway (KY 3155) west of KY 259. The project corridor was part of the March 2005 Leitchfield Northwest Bypass Study which identified the goals of a western bypass to include; 1) Improved Traffic Flow, 2) Improved Safety; 3) Economic Development, 4) Improve Highway Access for Trucks, 5) Improve Access, and 6) Enhance System Efficiency and Connections.

The 2005 planning study identified a number of issues relating to movement within and around Leitchfield. The most significant roadway facility in the region is the Western Kentucky Parkway located south of Leitchfield on KY 259. The major north/south facility in Leitchfield is KY 259. Additionally, US 62 and KY 54 are significant east to west roadways which serve Leitchfield and connect to KY 259 within the Leitchfield city limits. There are significant manufacturers and quarries west of Leitchfield along those two routes which generate significant truck traffic to the WK Parkway. Also, Grayson County High School and Oran P. Lawler Elementary School are significant traffic generators located west of Leitchfield. The Average Daily Traffic (ADT) on US 62 from KY 187 to the intersection with KY 259 in 2014 was 8926 with 9% truck. The ADT on KY 54 from Scotty's Quarries to the US 62 intersection in 2016 was 4772 with 6% trucks. The section of US 62 that is concurrent with KY 259 carried an ADT of 15457 with 11% trucks in 2015. There were 213 collisions in the project area, including 36 injury crashes, within the three

year period between 09/01/2014 and 08/31/2017. This project would allow vehicles west of Leitchfield to reach KY 259 just north of the WK Parkway while avoiding the more congested downtown area.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

The selected Consultant will be required to perform Preliminary Engineering and Environmental Services. Preliminary Design shall include at a minimum; conducting public involvement activities throughout the design process, appropriate typical sections, proposing and analyzing alternatives, utility impacts, line and grade, and dependable cost estimates. Environmental Services are anticipated to consist of an EA/FONSI document.

VI. SPECIAL INSTRUCTIONS

The Department may retain any of the advertised services to be performed by in-house state forces.

The KYTC will allow the following modification to the standard response format for response to this advertisement only:

- Page 7: Project Approach, may be expanded, not to exceed four (4) pages total (A-D).

Instructions for Response to Announcement can be found at:

<https://transportation.ky.gov/ProfessionalServices/Pages/Respond-to-an-Announcement.aspx>

VII. AVAILABLE STUDIES

[DNA Study: KY 3155 Southwest Leitchfield Bypass from KY 259 to KY 54 | Item 4-8954](#)

[Leitchfield Northwest Bypass Study - Final Report.pdf](#) (Now Available)

VIII. METHOD OF DESIGN

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

IX. ENVIRONMENTAL

The selected Consultant will provide Environmental Services. It is anticipated that the Environmental Document will consist of an EA/FONSI.

X. PHOTOGRAMMETRIC SERVICES

The Department will provide statewide aerial imagery and LiDAR data (LAS format) for the project area which should be sufficient for the majority of the Preliminary Engineering work. The Department will be responsible for any supplemental survey required to complete preliminary design.

XI. STRUCTURE DESIGN

Structure Design is not anticipated for Preliminary Design. If the project advances to Final Roadway Design, and if the selected Consultant is retained for Final Roadway Design, they shall do the necessary engineering service to submit to the KYTC an Advanced Situation Folder(s) for the appropriate applicable structure(s). Structure Design of the proposed structure(s) may be added by Contract Modification. Prequalification in the area of Structure Design is required to be identified in the Consultant's Response to Announcement.

XII. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project. The Consultant will be responsible for providing Geotechnical Investigation Submittal information at the conclusion of Preliminary Engineering.

XIII. TRAFFIC

The Traffic projections and related information will be provided by the Department.

XIV. UTILITIES

The Department will be responsible for determining the existing locations of utilities to determine feasibility of redesign or utility relocation and cost estimates.

XV. PREQUALIFICATION REQUIREMENTS

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement:

ROADWAY DESIGN

- Rural Roadway Design
- Urban Roadway Design
- Surveying

STRUCTURE DESIGN

- Spans under 500 feet

ENVIRONMENTAL AQUATIC AND TERRESTRIAL ECOSYSTEMS

- Fisheries
- Macroinvertebrates
- Water Quality
- Botany
- Zoology
- Wetlands

ENVIRONMENTAL ARCHAEOLOGY AND OTHER SERVICES

- Prehistoric
- Historic
- Highway Noise
- Air Quality Analysis

- Socioeconomic Analysis
- Cultural Historic Analysis
- EIS Writing and Coordination

ENVIRONMENTAL AND UST SERVICES

- Hazmat Preliminary Site Assessment (Phase I)
- UST Preliminary Site Assessment

XVI. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

- Bulletin Posted – October 10, 2017
- Response Date – November 1, 2017 by 4:30 PM ET (Frankfort time)
- First Selection – November 6, 2017
- Final Selection – November 22, 2017
- Pre-Design Conference – November 29, 2017
- Fee Proposal – December 8, 2017
- Contract Negotiations – December 20, 2017
- Notice to Proceed – January 18, 2018

XVII. PROJECT SCHEDULE

- Preliminary Line & Grade – August 2018
- Submit EA/FONSI to KYTC – May 2019

XVIII. EVALUATION FACTORS

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
2. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Capacity to comply with project schedule. (10 Points)
5. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

XIX. SELECTION COMMITTEE MEMBERS

1. Larry Krueger, P.E., User Division
2. Kevin Martin, P.E., User Division

3. Evan Dick, P.E., Secretary's Pool
4. Andrew Stewart, P.E., Secretary's Pool
5. Brad Rister, P.E., Governor's Pool

XX. AREA MAP

